USDA FOREST SERVICE

RESEARCH NOTE NC-152

NORTH CENTRAL FOREST EXPERIMENT STATION, FOREST SERVICE—U.S. DEPARTMENT OF AGRICULTURE

Folwell Avenue, St. Paul, Minnesota 55101

PULPWOOD PRODUCTION IN THE LAKE STATES

BY COUNTY, 1972

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ABSTRACT.--This 27th annual report shows 1972 Lake States pulpwood production to be 4.3 million cords, up 7 percent from 1971. Pulpwood harvests increased in all species except pine and tamarack.

OXFORD: 861.0(77):792. KEY WORDS: residue, Minnesota, Wisconsin, Michigan.

Compared with 1971, Lake States pulpwood production rose 7 percent to 4.3 million cords in 1972 (table 1). Production climbed 158,000 cords in Minnesota and 134,000 cords in Michigan, but fell 15,000 cords in Wisconsin.

Lake States loggers harvested 92 percent of the pulpwood; the remainder was mill residue such as slabs, veneer cores, and chips from these materials.

Pulpwood harvest increased for all species except pine and tamarack; the largest increase was in miscellaneous hardwoods, up 176,000 cords.

Top-producing counties were Dickinson, Iron, and Marquette in Michigan; Oneida, Price, and Marinette in Wisconsin; and St. Louis, Koochiching, and Itasca in Minnesota. The latter three counties furnished nearly three-fifths of Minnesota's pulpwood harvest.

In order to satisfy the increasing demand for early publication of pulpwood production data by county, we are relegating the table showing receipts and imports, usually published here, to a later publication.

Pulpmills using Lake States timber in 1972 reported their pulpwood receipts by State and county. Their cooperation is gratefully acknowledged. Thanks are also due to Al Boelter, Michigan Department of Natural Resources, for collecting the data on pulpmills in Michigan.

Special thanks are given to Jerold Hahn, Mensurationist at this Station, for his extensive computer programing that provided table 1.

TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES,1972
(HUNDRED STANDARD CORDS,ROUGHWOOD BASIS)
MICHIGAN

UNIT 1/ AND COUNTY	ALL SPECIES	ASPEN	BALSAM	BIRCH	HEM-LOCK	PINE	SPRUCE	TAM-ARACK	MISC. HDWDS.	CEDAR	2/ RESIDUES
E.1/2 UP. PENINSULA											
ALGER	314	27	26	17	25	110	13	3	89	4	
CHIPPEWA	315	15	31	5	18	176	25	2	40	3	
DELTA	721	220	99	29	41	154	48	3	124	3	
LUCE	351	17	32	10	27	169	38	3	50	5	
MACKINAC	227	24	18	14	12	64	13	1	79	2	
MENOMINEE	736	501	78	13	24	16	35	4	63	2	
SCHOOLCRAFT	411	87	48	14	21	149	33	2	54	3	
TOTAL	3439	891	332	102	168	838	205	18	499	22	364
W.1/2 UP. PENINSULA											
BARAGA	624	301	16	18	46	93	25	3	118	4	
DICKINSON	779	575	49	8	38	21	40	3	43	2	
GOGEBIC	336	120	22	2	98	20	3	0	71	0	
HOUGHTON	236	144	5	3	24	7	7	R	46	R	
IRON	762	398	69	4	43	24	37	1	186	R	
KEWEENAW	11	0	6	0	0	0	5	0	0	0	
MARQUETTE	744	181	74	27	52	203	60	6	133	8	
ONTONAGON	570	156	2	7	29	2	2	R	372	R	
TOTAL	4601	1875	243	69	330	370	179	13	969	14	539
N.1/2 LOW. PENINSULA											
ALCONA	440	263	1	27	0	22	0	0	127	0	
ALPENA	151	77	9	12	0	15	0	0	38	0	
ANTRIM	2	0	0	0	0	2	0	0	0	0	
ARENAC	3	3	0	R	0	0	0	0	R	0	
BENZIE	108	64	0	7	0	1	0	0	36	0	
CHEBOYGAN	141	93	R	17	0	4	0	0	27	0	
CLARE	163	113	0	10	0	3	0	0	37	0	
CRAWFORD	149	16	R	0	0	122	0	0	11	0	
GLADWIN	49	20	0	1	0	19	0	0	9	0	
GRAND TRAVERSE	146	79	0	8	0	16	0	0	43	0	
IOSCO	181	12	0	1	0	162	0	0	6	0	
ISABELLA	22	19	0	0	0	0	0	0	3	0	
KALKASKA	101	41	R	3	0	42	0	0	15	0	
LAKE	380	85	0	2	0	93	0	0	200	0	
LEELANAU	52	32	0	4	0	0	0	0	16	0	
MANISTEE	222	85	0	5	0	22	0	0	110	0	
MASON	182	74	0	5	0	33	0	0	70	0	
MECOSTA	89	43	0	R	0	9	0	0	37	0	
MIDLAND	34	32	0	0	0	0	0	0	2	0	
MISSAUKEE	125	73	0	6	0	10	0	0	36	0	
MONTMORENCY	279	178	2	10	0	15	0	0	74	0	
NEWAYGO	284	117	0	4	0	26	0	0	137	0	
OCEANA	116	29	0	1	0	6	0	0	80	0	
OGEMAW	155	50	1	3	0	80	0	0	21	0	
OSCEOLA	361	230	0	12	0	10	0	0	109	0	
OSCODA	391	184	0	15	0	85	0	0	107	0	
OTSEGO	51	31	0	1	0	9	0	0	10	0	
PRESQUE ISLE	211	124	11	26	0	30	0	0	20	0	
ROSCOMMON	348	151	5	4	0	79	0	0	109	0	
WEXFORD	248	91	0	6	0	108	0	0	43	0	
TOTAL	5381	2409	29	190	0	1023	0	0	1533	0	197
S.1/2 LOW. PENINSULA											
ALLEGAN	20	6	0	0	0	3	0	0	11	0	
BARRY	0	0	0	0	0	0	0	0	R	0	
BERRIEN	1	R	0	0	0	0	0	0	1	0	
CASS	11	1	0	0	0	9	0	0	1	0	
GRATIOT	12	9	0	0	0	R	0	0	3	0	
IONIA	13	11	0	0	0	0	0	0	2	0	
KENT	1	0	0	0	0	R	0	0	1	0	
MONTCALM	59	47	0	0	0	4	0	0	8	0	
MUSKEGON	127	38	0	0	0	34	0	0	55	0	
OTTAWA	1	R	0	0	0	1	0	0	0	0	
SAGINAW	7	3	0	0	0	0	0	0	4	0	
ST.JOSEPH	1	1	0	0	0	0	0	0	R	0	
VAN BUREN	1	1	0	0	0	0	0	0	R	0	
TOTAL	581	117	0	0	0	51	0	0	86	0	327
STATE TOTAL	14002	5292	604	361	498	2282	384	31	3087	36	1427

(CONTINUED ON NEXT PAGE)

1/ INCLUDES ONLY THOSE COUNTIES THAT SUPPLIED PULPWOOD IN 1972.
2/ COUNTY FIGURES ARE NOT AVAILABLE.
R=LESS THAN 50 CORDS.

TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES,1972
(HUNDRED STANDARD CORDS,ROUGHWOOD BASIS)
MINNESOTA

UNIT 1/ AND COUNTY	ALL SPECIES	ASPEN	BALSAM	BIRCH	HEMLOCK	PINE	SPRUCE	TAMARACK	MISC. HDWDS.	CEDAR	2/ RESIDUES
NORTHEASTERN											
CARLTON	372	304	8	41	0	4	12	3	0	0	
COOK	368	45	8	0	0	41	274	0	R	0	
LAKE	709	247	4	21	0	251	186	0	0	0	
PINE	273	262	0	2	0	9	0	0	0	0	
ST.LOUIS	3046	1552	71	82	0	899	286	39	117	0	
TOTAL	4915	2410	91	146	0	1204	758	42	117	0	147
CENTRAL PINE											
AITKIN	361	267	16	25	0	6	20	27	0	0	
BECKER	6	2	2	0	0	1	1	0	0	0	
BELTRAMI	1081	605	74	104	0	163	87	44	4	0	
CASS	646	450	12	33	0	122	11	18	0	0	
CLEARWATER	400	318	2	8	0	21	20	31	0	0	
CROW WING	124	35	0	4	0	85	0	R	0	0	
HUBBARD	265	163	2	2	0	84	2	12	0	0	
ITASCA	1385	752	152	86	0	130	208	53	4	0	
WADENA	60	8	0	2	0	50	0	0	0	0	
TOTAL	4655	2600	260	264	0	662	349	185	8	0	327
RAINY RIVER											
KOOCHICHING	2946	1584	302	12	0	161	638	74	175	0	
LAKE OF THE WOODS	222	18	1	0	0	32	164	6	1	0	
TOTAL	3253	1602	303	12	0	193	802	80	176	0	85
SOUTHEASTERN											
KANABEC	25	25	0	0	0	0	0	0	0	0	
MILLE LACS	196	196	0	0	0	0	0	0	0	0	
MORRISON	37	31	0	2	0	4	0	0	0	0	
SCOTT	1	1	0	0	0	0	0	0	0	0	
TODD	2	0	0	0	0	2	0	0	0	0	
TOTAL	582	253	0	2	0	6	0	0	0	0	321
WESTERN PRAIRIE											
MAHNOMEN	5	5	0	0	0	0	0	R	0	0	
POLK	6	0	0	0	0	0	1	5	0	0	
ROSEAU	123	20	0	0	0	94	9	R	0	0	
TOTAL	134	25	0	0	0	94	10	5	0	0	0
STATE TOTAL	13539	6890	654	424	0	2159	1919	312	301	0	880

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2/ COUNTY FIGURES ARE NOT AVAILABLE.
R=LESS THAN 50 CORDS.

TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES,1972
(HUNDRED STANDARD CORDS,ROUGHWOOD BASIS)
WISCONSIN

UNIT AND COUNTY 1/	ALL SPECIES	ASPEN	BALSAM	BIRCH	HEM-LOCK	PINE	SPRUCE	TAM-ARACK	MISC. HDWDS.	CEDAR	RESIDUES 2/
NORTHEASTERN											
FLORENCE	423	313	8	4	19	8	4	1	66	0	
FOREST	762	398	70	6	64	24	15	R	185	0	
LANGLADE	711	473	10	14	3	4	1	5	201	0	
LINCOLN	796	484	21	23	21	49	7	1	190	0	
MARINETTE	947	593	48	5	6	135	21	1	138	0	
OCONTO	313	227	5	1	6	34	1	0	39	0	
ONEIDA	1210	587	68	83	24	154	27	8	259	0	
SHAWANO 3/	303	139	2	R	105	12	1	R	44	0	
VILAS	659	270	24	67	14	113	13	2	156	0	
TOTAL	6551	3484	256	203	262	533	90	18	1278	0	427
NORTHWESTERN											
ASHLAND	624	295	80	33	25	42	12	2	135	0	
BARRON	11	R	0	1	0	0	0	0	10	0	
BAYFIELD	746	428	22	41	10	201	1	0	43	0	
BURNETT	300	100	0	2	0	198	0	0	0	0	
DOUGLAS	849	550	1	4	3	268	4	1	18	0	
IRON	823	695	19	22	20	10	6	R	51	0	
POLK	29	R	0	0	0	29	0	0	R	0	
PRICE	950	580	55	67	19	47	8	1	173	0	
RUSK	100	36	R	7	1	R	0	0	56	0	
SAWYER	389	115	41	59	15	32	4	1	122	0	
TAYLOR	520	232	10	17	34	11	2	R	214	0	
WASHBURN	270	82	1	4	0	157	1	2	23	0	
TOTAL	5795	3113	229	257	127	995	38	7	845	0	184
CENTRAL											
ADAMS	317	3	0	0	0	184	0	0	130	0	
CHIPPEWA	51	21	R	1	R	1	0	R	22	0	
CLARK	199	34	1	R	1	51	0	0	112	0	
EAU CLAIRE	31	3	0	0	0	28	0	0	0	0	
JACKSON	212	1	0	0	0	197	0	0	14	0	
JUNEAU	266	2	0	R	0	144	0	0	120	0	
MARATHON	451	121	2	1	15	12	1	R	299	0	
MARQUETTE	91	0	0	0	0	11	0	0	80	0	
MONROE	57	1	0	0	0	51	0	0	5	0	
PORTAGE	170	18	R	0	1	66	R	R	85	0	
WAUPACA	45	15	1	0	1	1	R	1	26	0	
WAUSHARA	63	R	0	0	R	35	0	0	28	0	
WOOD	318	13	R	R	1	114	0	R	190	0	
TOTAL	2471	232	4	2	25	895	1	1	1111	0	200
SOUTHWESTERN											
BUFFALO	0	0	0	0	0	R	0	0	0	0	
DUNN	7	0	0	0	0	7	0	0	0	0	
GRANT	67	13	0	7	0	R	0	0	47	0	
LACROSSE	2	0	0	0	0	2	0	0	0	0	
PEPIN	7	0	0	0	0	7	0	0	0	0	
RICHLAND	1	0	0	0	0	1	0	0	0	0	
SAUK	0	0	0	0	0	R	0	0	0	0	
TREMPEALEAU	7	0	0	0	0	7	0	0	0	0	
TOTAL	357	13	0	7	0	24	0	0	47	0	266
SOUTHEASTERN											
BROWN	9	2	R	0	R	1	0	0	6	0	
COLUMBIA	56	0	0	0	0	13	0	0	43	0	
FOND DU LAC	0	R	0	0	0	0	0	0	0	0	
GREEN LAKE	0	0	0	0	0	R	0	0	0	0	
OUTAGAMIE	1	0	0	0	0	0	0	0	1	0	
WASHINGTON	0	0	0	0	0	0	0	0	R	0	
TOTAL	200	2	0	0	0	14	0	0	50	0	134
STATE TOTAL	15374	6844	489	469	414	2461	129	26	3331	0	1211

1/ INCLUDES ONLY THOSE COUNTIES THAT SUPPLIED PULPWOOD IN 1972.
2/ COUNTY FIGURES ARE NOT AVAILABLE.
3/ INCLUDES MENOMINEE COUNTY.
R=LESS THAN 50 CORDS.

JAMES E. BLYTH
Principal Market Analyst

1973